

# Nitr-2 (Nitrous Fumes)

**KWIK DRAW**  
UNI PHOS

Part No. D5085844

Part No. (US): 804425

## Performance:

Measurement Range	5 - 140 ppm	2 - 70 ppm
Number of Strokes	5	10
Sampling Time	20 - 30 seconds per stroke	
Relative Standard Deviation	±15 to 25 %	
Colour Change	Yellowish → Brown or blue/brown	

## Reaction Principle:

Nitrous Fumes + Oxidizer → NO<sub>2</sub>

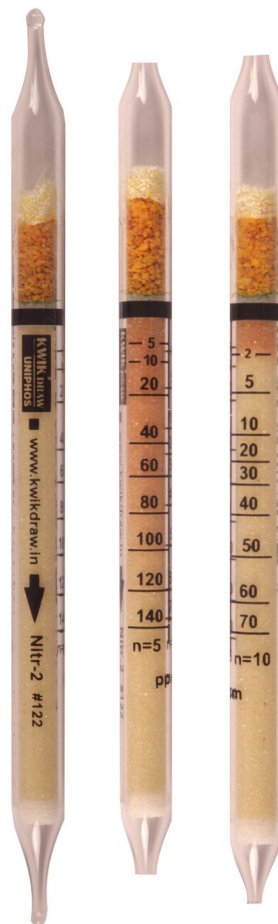
NO<sub>2</sub> + Aromatic amine → Colored reaction product.

## Operating Conditions:

Detector tubes can be used without compensation of the reading between 10 °C and 30 °C (50 °F and 86 °F) and between 10% RH [0.7 mg/l at 5 °C (41 °F)] and 80% RH [24 mg/l at 30 °C (86 °F)].

## Interferences and Cross Sensitivities:

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Carbon Monoxide, Carbon dioxide, Nitrous oxide,	No interference
Halogens (chlorine, bromine), chlorine dioxide, ozone.	Will be indicated with different sensitivity.
Hydrocarbons, (e.g. Butanes, Ethylene, Acetylene), Hydrogen sulfide, Ammonia	Are not indicated, but possibly will shorten indication stain of Nitrous fumes



TLV(TWA): NO: 25 ppm, NO<sub>2</sub>: 0.2 ppm

Flammable Range: N.A.